Application No. 10/020,030

In the Claims

1 – 31. (Cancelled)

32. (New)   A wireless communication system comprising:

    a network transceiver configured to:

        receive a first unicast signal;

        receive a multicast signal;

        process the first unicast signal using a first code to generate a first code division multiple access (CDMA) signal;

        process the multicast signal using a second code to generate a second CDMA signal; and

        simultaneously transmit the first CDMA signal and the second CDMA signal; and

    a first subscriber unit configured to receive the first CDMA signal and the second CDMA signal.

33. (New)   The wireless communication system of claim 32 further comprising:

    a second subscriber unit configured to receive the second CDMA signal.

34. (New)   The wireless communication system of claim 33 wherein the first subscriber unit is configured to demodulate the first CDMA signal into a first local demodulated signal and multiplex the first local demodulated signal onto a first local network for delivery to a first destination device.

35. (New)   The wireless communication system of claim 34 wherein the first subscriber unit is configured to demodulate the second CDMA signal into a second local demodulated signal and multiplex the second local demodulated signal onto the first local network for delivery to a second destination device.

36. (New)   The wireless communication system of claim 35 wherein the second subscriber unit is configured to demodulate the second CDMA signal into a third local demodulated signal and multiplex the third local demodulated signal onto a second local network for delivery to a third destination device.

37. (New)   The wireless communication system of claim 36 wherein:

the network transceiver is further configured to receive a second unicast signal, process the second unicast signal using a third code to generate a third CDMA signal, and transmit the third CDMA signal; and

the second subscriber unit is configured to receive the third CDMA signal, demodulate the third CDMA signal into a fourth local demodulated signal and multiplex the fourth local demodulated signal onto the second local network for delivery to a fourth destination device.

38. (New)   The wireless communication system of claim 32 wherein the multicast signal comprises video.

39. (New)   The wireless communication system of claim 38 wherein the first unicast signal comprises data.

40. (New)   A method of wireless communication, the method comprising:

    in a network transceiver:

        receiving a first unicast signal;

        receiving a multicast signal;

        processing the first unicast signal using a first code to generate a first code division multiple access (CDMA) signal;

        processing the multicast signal using a second code to generate a second CDMA signal;

        simultaneously transmitting the first CDMA signal and the second CDMA signal; and

    in a first subscriber unit:

        receiving the first CDMA signal and the second CDMA signal.

41. (New)   The method of claim 40 further comprising:

    receiving the second CDMA signal in a second subscriber unit.

42. (New)   The method of claim 41 further comprising:

    in the first subscriber unit:

        demodulating the first CDMA signal into a first local demodulated signal; and

        multiplexing the first local demodulated signal onto a first local network for delivery to a first destination device.

43. (New)   The method of claim 42 further comprising:

    in the first subscriber unit:

        demodulating the second CDMA signal into a second local demodulated signal; and

        multiplexing the second local demodulated signal onto the first local network for delivery to a second destination device.

44. (New)   The method of claim 43 further comprising:

     in the second subscriber unit:

     demodulating the second CDMA signal into a third local demodulated signal; and

     multiplexing the third local demodulated signal onto a second local network for delivery to a third destination device.

45. (New)   The method of claim 44 further comprising:

     in the network transceiver:

     receiving a second unicast signal;

     processing the second unicast signal using a third code to generate a third CDMA signal;

     transmitting the third CDMA signal; and

     in the second subscriber unit:

     receiving the third CDMA signal;

     demodulating the third CDMA signal into a fourth local demodulated signal; and

     multiplexing the fourth local demodulated signal onto the second local network for delivery to a fourth destination device.

46. (New)   The method of claim 40 wherein the multicast signal comprises video.

47. (New)   The method of claim 46 wherein the first unicast signal comprises data.